ERASMUS+
EU programme for education, training, youth and sport

Incoming student mobility

Name of UNIOS University Unit:

COURSES OFFERED IN FOREIGN LANGUAGE FOR ERASMUS+ INDIVIDUAL INCOMING STUDENTS

Department or Chair within the UNIOS Unit	Department of Architecture and Urban Planning

Study program	University undergraduate study programme in Civil Engineering

Study level (bachelor/master)	bachelor

Course title	Introduction to Building
Course code (ISVU)	252593
Language of instruction	English
Course content	Basic concepts in construction. Fundamental forms and themes in construction. Materials and structures. Construction in prehistory. The earliest surviving building artefacts. Vernacular architecture. Sustainability in construction. The ancient period (Egypt, Greece, Rome): the development of civilisations, urbanism, building typology, the relationship between sacred, public, and residential architecture, materials and construction, builders and their works. Greek and Roman construction in Croatia. The Middle Ages (Early Christianity, Romanesque, Gothic): period, geographical spread, typology, architectural forms, and the most significant buildings in Europe and Croatia. The Modern Era (Renaissance, Baroque, Historicism, Art Nouveau, Modernism, Postmodernism): period, geographical spread, typology, architectural forms, and the most significant buildings in Europe and Croatia. An introduction to the construction and architecture of Osijek: urban development and an overview of its most significant buildings and builders. Ethics of the construction profession. Future directions in the development of construction.
Prerequisites for enrolment (if any)	no

Learning outcomes	1. Name and describe the basic concepts, forms, and elements of building structures. 2. Identify the main stages in the historical development of construction. 3. Outline the characteristics of each historical stage in the development of construction. 4. Recognise the most significant examples of buildings and builders from each historical period in Osijek, Croatia, and the world. 5. Explain the importance of sustainable development principles in construction. 6. Explain the importance of ethics in the construction profession. 7. Outline the different aspects of the future development of construction.
Basic Literature	Radić, J.: Uvod u graditeljstvo, Školska knjiga, Zagreb 2016. Janson, H.W.: Janson, A.F. Povijest umjetnosti, Stanek, Varaždin 2003.
Additional Literature	Wood, D.M.Civil Engineering: A Very Short Introduction, OXFORD U.P., Oxford 2012.
Form of teaching	Lectures, seminars, independent assignments, fieldwork, and teamwork
Form of assessment	Class attendance, participation, and seminar paper
Number of ECTS	2
Class hours per week	2
Period of realization (summer/winter semester)	Winter semester
Teacher(s) + Email address	Asst. Prof. Danijela Lovoković, dlovokovic@gfos.hr
Assistant(s) + Email address(es)	no